DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name;

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

SYSTEM & METHOD OF UPDATING PLANOGRAM INFORMATION USING RFID TAGS AND PERSONAL SHOPPING DEVICE

the specification of which: (c	heck one)		
XXX is attached hereto.			
is being this day on J under Attorney's Doc as Application Serial and was amended or	ket Number to be as	signed later	<u></u>
I hereby state that I have re specification, including the cl			
I acknowledge the duty to di application in accordance wi		vhich is material to the	e patentability of this
I hereby claim the benefit of to patent or inventor's certificate for patent or inventor's certific which is claimed:	listed below and have	also identified below a	ny foreign application
Prior Foreign Application(s):			Priority Claimed
(Number)	(Country)	(Filing Date)	Yes No
I hereby claim the benefit of application(s) listed below a application is not disclosed in the first paragraph of 35 USC patentability of this application of the prior application and the	nd, Insofar as the si a listed prior United S 112, I acknowledge the as defined in 37 CFF	ubject matter of each States application in the ne duty to disclose infor R 1.56 which occurred b	of the claims of this manner provided by mation material to the between the filing date
(Application Serial #)	(Filing Date)	(Statu	us)
I hereby d clare that all state	ements made herein	of my own knowledge	ar true and that all

RPS8-2202-0499

Page 1 of 2

statements made on information and belief are believed to be true; and further that these

POWER OF ATTORNEY: As a named inventor, I hereby appoint all attorneys and/or agents designated to Customer No. 25299 to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

Send correspondence to J. Bruce Schelkopf, at Customer No. 25299 and direct all telephone calls to J. Bruce Schelkopf at (919) 543-4753.

FULL NAME OF INVENTOR: William Moonan

INVENTOR'S SIGNATURE: XVIII XVIII

RESIDENCE: PALU N.C. 275/3

COUNTRY OF CITIZENSHIP: United States of America

POST OFFICE ADDRESS: none

PATENT

DOCKET NO.: RPS8-2002-0499

ASSIGNMENT

Whereas,I, of Raleigh, North Carolina (1) William Noonan have invented certain Improvements in System & Method of Urdating Planogram Information Using RFID TAGS AND PERSONAL SHOPPING DEVICE and executed a United States patent application thereof on the following date: July 22, 2003 (1) Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at Armonk, New York, 10504, (hereinafter called IBM), desires to acquire the entire right, title and interest in the application and invention, and to any United States and foreign patents to be obtained therefor: Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, we the above named, hereby acknowledge our prior existing obligation and hereby sell, assign, and transfer to IBM, its successors and assigns, the right, title and interest in the application and invention therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of the United States application, and we request the Commissioner of Patents to issue any Letter Patents granted upon the invention set forth in the application to IBM, its successors and assigns; and we hereby agree that IBM may apply for foreign Letter Patent on the invention and we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM. Signed and sealed: SIGNATURE LOCATION (1) Raleigh, NC

PATENT

DOCKET NO.:RPS8-2002-0499

ASSIGNMENT

		Accidiment						
Where	as,I,							
(1)	William Noonan	of Raleigh, No	orth Carolina					
have in	nvented certain Improvements in	1						
	System & Method of Updating Planogram Information Using RFID Tags and Personal Shopping Device							
and executed a United States patent application thereof on the following date:								
(1)	July 22, 2003	; and						
place	of business at Armonk, New Yor terest in the application and inve	rk, 10504, (hereinafter called IBM)	a corporation of New York, having a), desires to acquire the entire right, title and foreign patents to be obtained					
Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, we the above named, hereby acknowledge our prior existing obligation and hereby sell, assign, and transfer to IBM, its successors and assigns, the right, title and interest in the application and invention therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filling of the United States application, and we request the Commissioner of Patents to issue any Letter Patents granted upon the invention set forth in the application to IBM, its successors and assigns; and we hereby agree that IBM may apply for foreign Letter Patent on the invention and we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.								
Signed	d and sealed:							
	LOCATION	DATE	SIGNATURE					
(1)	Raleigh, NC	July 22	William Noonan					

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name;

I believe I am the original, first and sole inventor (If only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

SYSTEM & METHOD OF UPDATING PLANOCRAM INFORMATION USING RFID TAGS AND PERSONAL SHOPPING DEVICE

the specification of which: (check one)			
XXX is attached hereto.				
is being this day on a under Attorney's Dod as Application Serial and was amended or	ket Number to be as	esigned later(if applicable).		
I hereby state that I have a specification, including the content of the specific at the speci	reviewed and unders claims, as amended i	stand the contents of by any amendment re	the above ide	ntified
I acknowledge the duty to dapplication in accordance w	isclose information vith 37 CFR 1.58.	which is material to th	ne patentability	of this
I hereby claim the benefit of f patent or inventor's certificate for patent or inventor's certific which is claimed:	listed below and have	also identified below:	any foreign appl	ication
Prior Foreign Application(s):			Priority Cla	imed
(Number)	(Country)	(Filing Date)	Yes	_ No
I hereby claim the benefit of application(s) listed below a application is not disclosed in the first paragraph of 35 USC patentability of this application of the prior application and the	and, insofar as the si a listed prior United S 112, I acknowledge the as defined in 37 CFF	ubject matter of each States application in th ne duty to disclose infor R 1.56 which occurred I	of the claims emanner provid rmation material between the filio	of this ded by I to the
(Application Serial #)	(Filing Date)	(Stat	us)	
I hereby declare that all state statements made on informa	ements made herein ation and belief are I	of my own knowledge believed to be true; a	e are true and to and further that	hat all these

RP\$8-2202-0499

Page 1 of 2

P.07

POWER OF ATTORNEY: As a named inventor, I hereby appoint all attorneys and/or agents designated to Customer No. 25299 to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

Send correspondence to J. Bruce Schelkopf, at Customer No. 25299 and direct all telephone calls to J. Bruce Schelkopf at (919) 543-4753.

FULL NAME OF INVENTOR: William Moonan

INVENTOR'S SIGNATURE:

DATE

RESIDENCE:

COUNTRY OF CITIZENSHIP: United States of America

POST OFFICE ADDRESS: none